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Differential Subordination Results for New Classes of the Family $\mathcal{E}(\Phi, \Psi)$

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Abstract:

We define new classes of the family $\mathcal{E}(\Phi, \Psi)$, in a unit disk

$$\Re\left\{\frac{F(z)*\Phi(z)}{F(z)*\Psi(z)}\right\} > 0, \quad z \in U, \quad F(z)*\Psi(z) \neq 0$$
 where the operator $*$

denotes the convolution or Hadamard product. Moreover, we establish some subordination results for these new classes.



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